



## Kerala Tourism Development Corporation Limited

(A Government of Kerala Undertaking)

P.B No.5424, Mascot Square, Vikas Bhavan P.O,

Thiruvananthapuram -695 033, Kerala, India

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KTDC/ITD/CCTV/various units/27-21

24-11-2021

### **QUOTATION NOTICE**

Sub: - Supply and Installation of CCTV Surveillance System at KTDC Restaurant and Beer Parlours, located at -Kallambalam, Pravachambalam and Koothattukulam, Aahar Restaurants - Nellappara and Mundakkayam - reg.

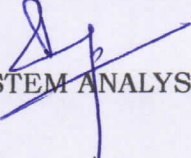
Competitive quotations are invited from reputed firms for the Supply and Installation of CCTV Surveillance System at KTDC Restaurant and Beer Parlours- Kallambalam and Pravachambalam - Thiruvananthapuram, Koothattukulam -Ernakulam, Aahar Restaurants - Nellappara and Mundakkayam - Kottayam (location details attached) as per the attached schedule and following terms & conditions.

### **Terms & Conditions**

1. The rate shall be inclusive of all taxes, duties, loading and unloading charges, transportation, other incidental expenses and net for the work at above sites.
2. The payment will be as per the actual measurement of quantities deployed at site.
3. Payment will be released after the satisfactory supply, installation, testing and commissioning of CCTV/ Surveillance System keeping 5% as retention for the defect liability/warranty period.
4. The items supplied should have a warranty for a minimum period of 2 years and any service requirement needed within the warranty period has to be attended at the site.
5. The firm shall have GST registration for work contract and proof of same shall be provided along with the offer.
6. The work shall be carried out in consultation with the Unit Manager without affecting the routine operation of the unit.
7. The materials used for the work should be from the attached approved list of make of materials.
8. A technical discussion meeting shall be held with the lowest rate quoted firm before placing work order
9. An agreement shall be executed with security deposit (5% of the contract amount) agreeing to the conditions of contract.

The offer shall reach the office of the System Analyst, KTDC Ltd., Mascot Square, Trivandrum - 695 033 on or before 6-12-2021, 2 P.M. and will be opened on 7-12-2021, 11 AM.

If the last date mentioned falls as a holiday or hartal, the very next working day will be treated as the last date.

  
SYSTEM ANALYST.



### LIST OF APPROVED MAKES OF MATERIALS

SI No.	Material	Makes
1	DVR.	Hikvision, Sony, Samsung, Honeywell.
2	Camera.	Hikvision, Sony, Samsung, Honeywell.
3	BNC and DC Connectors.	MX, chetan.
4	Surveillance Hard Disk.	Seagate, W.D.
5	Power Supply	ERD
6	Cat6 Cable	D Link, Finolex
7	IO Box, connectors	DLink
8	Coaxial cable.	Finolex, V-Guard.
9	UPS	APC, Numeric, Hykon
10	Monitor	LG, Samsung, Dell, AOC.



## Location Details

1. Restaurant & Beer Parlour,  
KTDC Ltd.,  
Valiyakulangara Building,  
Koothattukulam- P.O  
686662
2. Aahaar Restaurant,  
KTDC Ltd.,  
Nellappara,  
Kuninji P.O, Ramapuram  
Kottayam-686576
3. Aahaar Restaurant,  
KTDC Ltd.,  
31<sup>st</sup> Mile, Mundakkayam  
Kottayam-686513
4. Restaurant & Beer Parlour,  
KTDC Ltd.,  
Building No.319/B,  
Alinmoodu,  
Kallambalam, Varkkala,  
Thiruvananthapuram.-695605
5. Restaurant & Beer Parlour,  
KTDC Ltd.,  
Pravachambalam, 177/G,177H,  
Pallichal,  
Neyyattinkara, TVPM - 695020

**SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT**  
**KTDC AAHAAR MUNDAKKAYAM.**

**Part-A**

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition Dome Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	9	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition Bullet Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	1	No.					
3	Supply of High Definition 16 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920×1080P resolution, easy backup to USB, Pentaplex Operation, built-in reporting of various alarms including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with Client Software.	1	No.					
4	Supply of BNC Connectors.	28	Nos.					
5	Supply of DC Pin Connectors.	14	Nos.					



6	Supply of Power supply (smps) 100-220V by 12V/ 20A. (16 Channel )	1	No.						
7	4 TB SATA Surveillance Hard Disc.	1	No.						
8	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.						
9	Supply of 3 nos. Network IO Box and RJ 45 Connectors.	3	Nos.						
10	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	250	m.						
11	Supply of CAT-6 Network Cable.	150	m.						
12	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 14 no 4x4 pvc Box with all accessories such as saddles etc and complete.	250	m.						
<b>Total A</b>									
<b>Part-B</b>									
2	<b>Installation charges for above location ( Labour Charges )</b>								
2.1	Laying Charges for RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable through conduit including of wall if necessary etc and complete.	250	m.						
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 14 no 4x4 pvc Box with all accessories such as saddles etc and complete.	250	m.						
2.3	Laying charge for CAT-6 Network Cable	150	m.						
2.4	Installation Charges of 3 nos. Network IO Box and RJ 45 Connectors.	3	Nos.						
2.5	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.						
<b>Total B</b>									
<b>Grand Total (Part-A+B)</b>									



**SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT**  
**KTDC AAHAAR NELLAPPARA.**

**Part-A**

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition Dome Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	12	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition Bullet Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	2	Nos.					
3	Supply of High Definition 16 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920x1080P resolution, easy backup to USB, Pentaplex Operation, built-in reporting of various alarms including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with Client Software.	1	No.					
4	Supply of BNC Connectors.	28	Nos.					
5	Supply of DC Pin Connectors.	14	Nos.					



6	Supply of Power supply (smmps) 100-220V by 12V/ 20A. (16 Channel )	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
10	Supply of 3 nos. Network IO Box and RJ 45 Connectors.	3	Nos.					
11	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	300	m.					
12	Supply of CAT-6 Network Cable.	150	m.					
13	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 14 no 4x4 pvc Box with all accessories such as saddles etc and complete.	250	m.					
<b>Total A</b>								
<b>Part-B</b>								
2	<b>Installation charges for above location ( Labour Charges )</b>							
2.1	Laying Charges for RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable through conduit including of wall if necessary etc and complete.	300	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 14 nos. 4x4 pvc Box with all accessories such as saddles etc and complete.	250	m.					
2.3	Laying charge for CAT-6 Network Cable	150	m.					
2.4	Installation Charges of 3 nos Network IO Box and RJ 45 Connectors.	3	Nos.					
2.5	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
<b>Total B</b>								
<b>Grand Total (Part-A+B)</b>								



**SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT**  
**KTDC RBP PRAVACHAMBALAM, TVPM**

**Part-A**

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition Dome Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	4	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition Bullet Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	3	Nos.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/ H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920x1080P resolution, easy backup to USB, Pentaplex Operation, built-in reporting of various alarms including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with Client Software.	1	No.					
4	Supply of BNC Connectors.	14	Nos.					
5	Supply of DC Pin Connectors.	7	Nos.					



6	Supply of Power supply (smmps) 100-220V by 12V/ 10A. (8 Channel )	1	No.					
7	4 TB SATA Surveillance Hard Disc.	1	No.					
8	Supply of 20" LED Monitor of reputed brand.	1	No.					
9	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
10	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	200	m.					
11	Supply of CAT-6 Network Cable .	30	m.					
12	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
13	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4x4 pvc Box with all accessories such as saddles etc and complete.	150	m.					
14	Supply of 25 mm PVC Water pipe(Standard ISI Medium) with all accessories such as saddles etc and complete.	10	m.					
<b>Total A</b>								
<b>Part-B</b>								
2	<b>Installation charges for above location ( Labour Charges )</b>							
2.1	Laying Charges for RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable through conduit including of wall if necessary etc and complete.	200	m.					
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4x4 pvc Box with all accessories such as saddles etc and complete.	150	m.					
2.3	Laying Charges for 25 mm PVC Water pipe (Standard ISI Medium) with all accessories such as saddles etc and complete.	10	m.					
2.4	Laying charge for CAT-6 Network Cable	30	m.					
2.5	Installation Charges of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
2.6	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
<b>Total B</b>								
<b>Grand Total (Part-A+B)</b>								



**SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT**  
**KTDC RBP KALLAMBALAM**

**Part-A**

Sl No	Description	Qty	Unit	Unit Rate	Subtotal	Tax %	Tax Amount	Grand Total
1	Supply of BNC Connectors.	14	Nos.					
2	Supply of DC Pin Connectors.	7	Nos.					
3	Supply of Power supply (smpls) 100-220V by 12V/ 10A. (8 Channel )	1	No.					
4	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.					
5	Supply of 20" LED Monitor of reputed brand.	1	No.					
6	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
7	Supply of CAT-6 Network Cable.	100	m.					
8	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4x4 pvc Box with all accessories such as saddles etc and complete.	200	m.					
	<b>Total A</b>							

**Part-B**

2	<b>Installation charges for above location ( Labour Charges )</b>							
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4x4 pvc Box with all accessories such as saddles etc and complete.	200	m.					
2.3	Laying charge for CAT-6 Network Cable	100	m.					
2.4	Installation Charges of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.					
2.5	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.					
	<b>Total B</b>							
	<b>Grand Total (Part-A+B)</b>							



**SCHEDULE FOR CCTV SURVEILLANCE SYSTEM INSTALLATION WORKS AT**  
**KTDC RBP KOOTHATTUKULAM, ERNAKULAM**

**Part-A**

Sl No	Description	Qty	Unit	Unit Rate	Sub total	Tax %	Tax Amount	Grand Total
1	Supply of Indoor 2 Megapixel High Definition Dome Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	4	Nos.					
2	Supply of Outdoor 2 Megapixel High Definition Bullet Camera of good quality & approved make with 1080P resolution, 3.6mm lens, minimum 20 meters IR range ,day/night vision, Weather Resistant IP 66 housing, RoHS Compliance etc complete.	3	Nos.					
3	Supply of High Definition 8 Channel Digital Video Recorder 1080P Up to 4 MP resolution for recording with H.265+/H.265/ H.264+/ H.264 Compression, with TCP/IP ,optical mouse, 2 SATA Interfaces, Up to 4 TB capacity for each disk, IR Remote etc. The supplied DVR should have the provision for VGA, HDMI monitor or Video connection, Output at up to 1920x1080P resolution, easy backup to USB, Pentaplex Operation, built-in reporting of various alarms including hard disc errors, unauthorized logins, network conflicts etc, full feature remote access through IE Browser and with Client Software.	1	No.					
4	Supply of BNC Connectors.	14	Nos.					
5	Supply of DC Pin Connectors.	7	Nos.					

Total B  
Grand Total (Part-A+B)



6	Supply of Power supply (smps) 100-220V by 12V/ 10A. (8 Channel )	1	No.						
7	4 TB SATA Surveillance Hard Disc.	1	No.						
8	Supply of 20" LED Monitor of reputed brand.	1	No.						
9	1 KVA Offline UPS (24V) with 2 Nos. of 12V, 42 AH SMF Batteries for 1 hour backup.	1	No.						
10	Supply of RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable .	200	m.						
11	Supply of CAT-6 Network Cable .	30	m.						
12	Supply of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.						
13	Supply of 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4x4 pvc Box with all accessories such as saddles etc and complete.	150	m.						
14	Supply of 25 mm PVC Water pipe(Standard ISI Medium) with all accessories such as saddles etc and complete.	10	m.						
<b>Total A</b>									
<b>Part-B</b>									
2	<b>Installation charges for above location ( Labour Charges )</b>								
2.1	Laying Charges for RG-6 CO-Axial cable and 2 Pair Standard 1 sqmm Copper Power Cable through conduit including of wall if necessary etc and complete.	200	m.						
2.2	Laying Charges for 25mm PVC conduits/casing capping, (Standard ISI medium) 7 no 4x4 pvc Box with all accessories such as saddles etc and complete.	150	m.						
2.3	Laying Charges for 25 mm PVC Water pipe (Standard ISI Medium) with all accessories such as saddles etc and complete.	10	m.						
2.4	Laying charge for CAT-6 Network Cable	30	m.						
2.5	Installation Charges of 2 no Network IO Box and RJ 45 Connectors.	2	Nos.						
2.6	Charges for Installation, testing and commissioning the entire CCTV Surveillance System.	1	Ls.						
<b>Total B</b>									
<b>Grand Total (Part-A+B)</b>									